

## CURRICULUM VITAE

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### Education History

1993	M.D. TianJin Medical University
1996	M.Sc. Chinese Academy of Preventive Medicine
2001	Ph.D. Tufts University

### Academic Appointments

2001-03	Research Associate in Nutritional Epidemiology, Harvard School of Public Health, Boston, MA
2003-	Instructor in Nutritional Epidemiology, Harvard School of Public Health, Boston, MA
2005-date	Tenure-Track Investigator, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina

### Other Professional Positions and Major Visiting Appointments

1992	Intern in Medicine, HuanHu Hospital, TianJin, P.R. China
1999-00	Visiting Fellow in Cancer Epidemiology, National Cancer Institute, Bethesda, MD

**Relevant Teaching Experience**

2001-2003	Invited lecturer on “Nutritional Epidemiology”, Tufts University
2002	Invited lecturer on “Design of Epidemiologic Studies for Nutrition Research”, Tufts University
2003-2005	Invited lecture on “Nutritional Epidemiology”, Harvard School of Public Health
2003	Tutor on “Clinical Epidemiology”, Harvard Medical School

**Awards and Honors**

1988-93	Scholarship Award for Outstanding Students (TianJin Medical University)
1990	Wang K-CH Metropolitan Scholarship Award (Advanced Education Committee of TianJin)
1996	Excellent Thesis Award (Chinese Academy of Preventive Medicine)
1996-00	Scholarship Award (Tufts University)
1999-00	Visiting Fellowship Award (National Cancer Institute)
2002-03	National Research Service Award (National Institutes of Health)

**Professional Societies**

Society for Epidemiologic Research

Movement Disorders Society

American College of Nutrition

**Grants**

2002-04	Michael J. Fox Foundation for Parkinson’s Research	Co-Investigator	Prospective study of non-steroidal anti-inflammatory drugs and risk of Parkinson’s disease
2003-04	NIH RO1	Co-Investigator	Prospective epidemiological study of ALS
2004-05*	NIH KO8	Principal Investigator	Diet, gene-diet interactions and risk of Parkinson’s

2005-10	NIH RO1	Co-Investigator	NSAIDs, inflammation and Parkinson's disease
2005-09	NIH RO1	Consultant	Prospective study of ALS: Pooling project

\* Terminated because of my new position at NIH does not allow me to have extramural grant as PI.

### Invited Presentations

Harvard School of Public Health, Oct 31, 2005. Boston, MA, USA: "Dairy consumption and risk of Parkinson's disease"

Harvard School of Public Health, March 15, 2004, Boston, MA, USA: "Diet and Parkinson's disease"

International Forum on the New Approaches to Understand Neuropsychological Diseases, Sept 3, 2004, Shanghai, China: "Environmental and genetic risk factors for Parkinson's disease"

International Symposium on Parkinson's Disease, Sept 4-7, 2004, Beijing, China: "Obesity and the risk of Parkinson's disease"

45<sup>th</sup> Annual Meeting of the American College of Nutrition, Sept 30–Oct 3, Long Beach, CA, USA: "Diet, Lifestyles, and Risk of Parkinson's Disease"

Parkinson Institute, Nov. 15, Sunnyvale, CA, USA: "Risk factors for Parkinson's disease: Findings from the Health Professionals Follow-up Study and the Nurses Health Study"

### Reviewer for Journals:

Lancet, British Journal of Medicine, American Journal of Epidemiology, Epidemiology, The Journal of Nutrition, Health and Aging, Journal of American College of Nutrition, Movement disorders

### Bibliography

#### Original Contributions

1. **Chen H**, Ge KY, Wang EL, Jia FM, Jiao RH, Wang YY: The validation of conjunctival impression cytology to detect vitamin A deficiency. *Hygiene Res* 25(Suppl): 126-132, 1996.
2. Tucker KL, Hannan MT, **Chen H**, Cupples LA, Wilson PWF, Kiel D: Potassium, magnesium, and fruit and vegetable intakes are associated with greater bone mineral density in older men and women. *Am J Clin Nutr* 69(4): 727-36, 1999.

3. Tucker KL, **Chen H**, Vogel S, Wilson PWF, Schaefer EJ, and Lammi-Keefe CJ: Carotenoid intakes, assessed by dietary questionnaire, are associated with plasma carotenoid concentrations in an elderly population. *J Nutr* 129: 438-445, 1999.
4. Booth SL, Tucker KL, **Chen H**, Hannan MT, Gagnon DR, Cupples LA, Wilson PWF, Ordovas J, Schaefer EJ, Dawson-Hughes B, Kiel DP: Dietary vitamin K intakes are associated with hip fracture but not with bone mineral density in elderly men and women. *Am J Clin Nutr* 71(5): 1201-1208, 2000.
5. **Chen H**, Burmudez OI, Tucker KL: Waist circumference and weight change are associated with disability among elder Hispanics. *J Gerontol A Biol Sci Med Sci* 57 (1): M19-M25, 2002
6. **Chen H**, Ward MH, Graubard BI, Heineman EF, Markin RS, Potischman NA, Russell RM, Weisenburger DD, Tucker KL: Dietary patterns and risk of adenocarcinoma of the esophagus and distal stomach. *Am J Clin Nutr* 75(1): 137-44, 2002
7. Tucker KL, **Chen H**, Hannan MT, Cupples LA, Wilson PWF, Felson D, Kiel D: Dietary patterns are associated with bone mineral density in elderly men and women: the Framingham Osteoporosis Study. *Am J Clin Nutr* 76(1): 245-52, 2002.
8. **Chen H**, Tucker KL, Graubard BI, Heineman EF, Markin RS, Potischman NA, Russell RM, Weisenburger DD, Ward MH: Nutrient intakes and adenocarcinoma of the esophagus and distal stomach. *Nutr Cancer* 42(1): 33-40, 2002
9. **Chen H**, Ward MH, Tucker KL, Graubard BI, McComb RD, Potischman NA, Weisenburger DD, Heineman EF: Diet and risk of adult glioma in eastern Nebraska. *Cancer Causes Control* 13: 647-655, 2002
10. Zhang SM, Hernán MA, **Chen H**, Spiegelman D, Willett WC, Ascherio A: Intakes of vitamins E and C, carotenoids, vitamin supplements, and PD risk. *Neurology* 59(8): 1161-1169, 2002
11. **Chen H**, Zhang SM, Hernán MA, Willett WC, Ascherio A: Diet and Parkinson's disease: a potential role of dairy products in men. *Ann Neurol* 52: 793-801, 2002
12. **Chen H**, Zhang SM, Hernán MA, Willett WC, Ascherio A: Weight loss in Parkinson's disease. *Ann Neurol* 53(5): 676-9, 2003
13. **Chen H**, Miller BA, Giovannucci E, Hayes RB: Height and the survival of prostate cancer patients. *Cancer Epidemiol Biomarkers Prev* 12: 215-8, 2003

14. Ascherio A, **Chen H**, Schwarzschild MA, Zhang SM, Colditz GA, Speizer FE, Willett WC: Caffeine, postmenopausal estrogen, and risk of Parkinson's disease. *Neurology* 60(5): 790-5, 2003
15. **Chen H**, Zhang SM, Hernán MA, Willett WC, Ascherio A: Dietary intakes of fat and risk of Parkinson's disease. *Am J Epidemiol* 157(11):1007-14, 2003
16. Weisskopf MG, **Chen H**, Schwarzschild MA, Ichiro Kawachi, Ascherio A: Prospective study of anxiety and risk of Parkinson's disease. *Mov Disord* 18(6):646-51, 2003
17. **Chen H**, Zhang SM, Hernán MA, Schwarzschild MA, Willett WC, Colditz GA, Speizer FE, Ascherio A: Nonsteroidal anti-inflammatory drugs and the risk of Parkinson's disease. *Arch Neurol* 60: 1059-64, 2003
18. Hernán MA, **Chen H**, Schwarzschild MA, Ascherio A: Alcohol consumption and the incidence of Parkinson's disease *Ann Neurol* 54 (2): 170-175, 2003
19. **Chen H**, Zhang SM, Schwarzschild MA, Hernán MA, Willett WC, Ascherio A: Obesity and risk of Parkinson's disease. *Am J Epidemiol* 159: 547-55, 2004
20. **Chen H**, Zhang SM, Schwarzschild MA, Hernán MA, Logroscino G, Willett WC, Ascherio A: Folate intake and risk of Parkinson's disease, *Am J Epidemiol* 160: 368-75, 2004
21. Zhang J, Song YQ, **Chen H**, Fan D: The tau gene haplotype H1 confers a susceptibility to Parkinson's disease. *Euro Neurol* 53(1):15-21, 2005
22. **Chen H**, Zhang SM, Schwarzschild MA, Hernán MA, Ascherio A: Physical activity and the risk of PD. *Neurology* 64 (4): 664-9, 2005
23. **Chen H**, Jacobs E, Schwarzschild MA, McCullough ML, Calle EE, Thun MJ, Ascherio A: Non-steroidal inflammatory drugs and risk of Parkinson's disease in a large cohort of US men and women *Ann Neurol* 58 (6) 963-967, 2005
24. Jiang B, Wang W, **Chen H**, Hong Z, Yang Q; Wu S, Du X, Bao Q: Incidence and trends of stroke and its subtypes in China: results from three large cities. *Stroke* 37(1):63-8, 2006
25. **Chen H**, Zhang SM, Schwarzschild MA, Betensky R, Hernán MA, Ascherio A: Parkinson's disease mortality and cigarette smoking *Movement Disorders* (In Press)
26. Logroscino G, **Chen H**, Wing AL, Ascherio A: Blood donations, iron stores and risk of Parkinson's disease *Movement Disorders* (In Press)
27. **Chen H**, Schernhammer E, Schwarzschild MA, Ascherio A: Night shift work and the risk of Parkinson's disease *Am J Epidemiol* (In Press)

28. Schernhammer E, **Chen H**, Ritz B: Circulating melatonin: A possible link between Parkinson's disease and cancer risk *Cancer Causes Control* (In press).
29. Weisskopf MG, O'Reilly E, **Chen H**, Schwarzschild MA, Ascherio A: Plasma uric acid and risk of Parkinson's disease. (Submitted)
30. Huang X, Miller, WC, **Chen H**, Poole C, Mailman RB, Woodard JL, Chen PC, Xiang D, Murrow RW, Wang Y Lower LDL cholesterol levels is associated with Parkinson's disease: a case control study (Submitted)
31. Ascherio A, **Chen H**, Weisskopf MC, O'Reilly E, McCullough ML, Calle EE, Schwarzschild MA, Thun MJ: Longitudinal study of pesticide exposure and risk of Parkinson's disease (Submitted)
32. Kan H, London S, **Chen H**, Zhang Y, Chen B: Diurnal temperature range and daily mortality in Shanghai, China (Submitted)

## **B: Reviews**

1. **Chen H** and Ge KY: Update of the methods to detect vitamin A deficiency. *J Int Med: Hyg Sect* 24(2): 106-109. 1997
2. Ascherio A and **Chen H**: Caffeinated clues from epidemiology of Parkinson's disease *Neurology* 61 (Suppl 6): S51-S54, 2003